MS-HI0200 DATA SHEET

3MP Indoor Wi-Fi Pan/Tilt Security Camera



White • 2.4GHz Wi-Fi • DC 5V Continuous Power

Category	Parameter	Specification
Core Features	3MP Video	2304 × 1296 indoor video with H.265+ compression.
	Human Detection up to 30m	0.5 TOPS AI processing, human detection up to 30m and human tracking.
	One-Touch Calling & Two-Way Audio	One-touch calling and full-duplex two-way audio with AI echo cancellation.
	Full-Color Night Vision	Color night viewing for indoor security monitoring.
	HiEasy Mobile Management	HiEasy app with 2.4GHz Wi-Fi connectivity.
Basic Features	H.265+ Encoding	Video compression designed to reduce recording bitrates.
	Local & Cloud Storage	Supports microSD/TF cards up to 256GB and cloud storage.
	ONVIF, NVR & EasyVMS	ONVIF protocol, NVR connection and EasyVMS management.
	Privacy Sleep Modes	Immediate sleep and scheduled sleep modes are supported.
AI Features	AI Human Detection & Tracking	0.5 TOPS AI human detection up to 30m, with automatic tracking.
	Digital Human Enlargement	Human tracking magnification with up to 12× pixel-level digital zoom.
Product Identification	Product Model	MS-HI0200
	Product Name	3MP Indoor Wi-Fi Pan/Tilt Security Camera
System	Main Processor	H608
	Operating System	Embedded Linux
	AI Computing Power	0.5 TOPS
	Image Sensor	1/3.2" CMOS
	Resolution	2304 × 1296 (3MP)
	Focal Length	3.6mm

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Video & Imaging	Video Compression	H.265+
	Video Frame Rate	Adaptive
	Video Bitrate	135–2048kbps
	Video System	PAL 50Hz / NTSC 60Hz
	Minimum Illumination	Day mode: 1Lux; night mode: 0.01Lux
	Day/Night Switching	Automatic
	Snapshot Function	Supported
Pan & Tilt	PTZ Design	Single pan/tilt camera head
	Preset Positions	Up to 6
	Human Tracking	Supported
	Zoom Type	Digital
	Digital Zoom	Up to 12× pixel-level digital zoom
Audio	Audio Encoding	G.711U
	Audio Input	External analog microphone; SNR: 42dB
Audio	Audio Output	External 8Ω speaker; maximum 1.5W
	Two-Way Audio	Full-duplex
	AI Echo Cancellation	Supported
	One-Touch Calling	Supported
Night Vision	Night Vision Modes	Full-color night vision
	Day/Night Switching	Automatic
	IR-CUT	Wireless IR-CUT support
	Supplementary Illumination	Dual-light infrared support
Detection & Alarm	Detection Type	AI human detection
	Human Detection Range	Up to 30m
	Human Tracking	Supported
	Human Magnification	Supported with tracking, using digital zoom
	Audible & Light Alarm	Supported when equipped with a dual-light board
	Alarm Voice	App-recorded custom voice and text-to-speech supported
	Alarm Video Linkage	Supported
	Alarm Snapshot Linkage	Supported
	Alarm Recording	Supported
	Scheduled Recording	Supported

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Recording	Recording Destinations	microSD/TF card, PC and NVR
	Cloud Recording	Supported
	Immediate Sleep Mode	Supported
	Scheduled Sleep Mode	Supported
	Privacy Control	Immediate or scheduled sleep
Network & Pairing	Connectivity	2.4GHz Wi-Fi
	Wi-Fi Standard	IEEE 802.11b/g/n/ax (Wi-Fi 6)
	802.11n Channel Width	20MHz / 40MHz
	802.11ax Channel Width	20MHz
	Bluetooth Quick Pairing	Supported
	StarFlash	SLE 1.0
	AP Hotspot	Local monitoring via device Wi-Fi hotspot
	Network Protocols	P6S, ONVIF
	NVR Support	Supported
	PC Management Software	EasyVMS
	App Platform	HiEasy
Power	Power Input	DC 5V (USB)
	Power Supply Type	Continuous wired power
	PCBA Working Current	230mA ±10mA (PCBA only; not the complete-device current)
Storage & Services	Memory Card Type	microSD / TF
	Maximum Card Capacity	256GB
	Memory Card File System	FAT32
	Cloud Storage	Supported
	microSD / TF Card Slot	Supported
Environment & Protection	Installation Environment	Indoor
	Operating Temperature	−20°C to 55°C
APP	App Platform	HiEasy (international markets)
	Mobile Platforms	Android / iOS
	App Languages	Simplified Chinese, Traditional Chinese, English, Finnish, Korean, French, Portuguese, Thai, Spanish, Polish, Indonesian, German, Italian, Russian, Japanese, Vietnamese, Arabic, Turkish
	Housing Color	White

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Dimensions & Packaging	Quantity per Carton	60pcs
	Carton Dimensions	58.5 × 53 × 68cm
	Carton Gross Weight	22kg

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